

THE UNIVERSITY OF CHICAGO

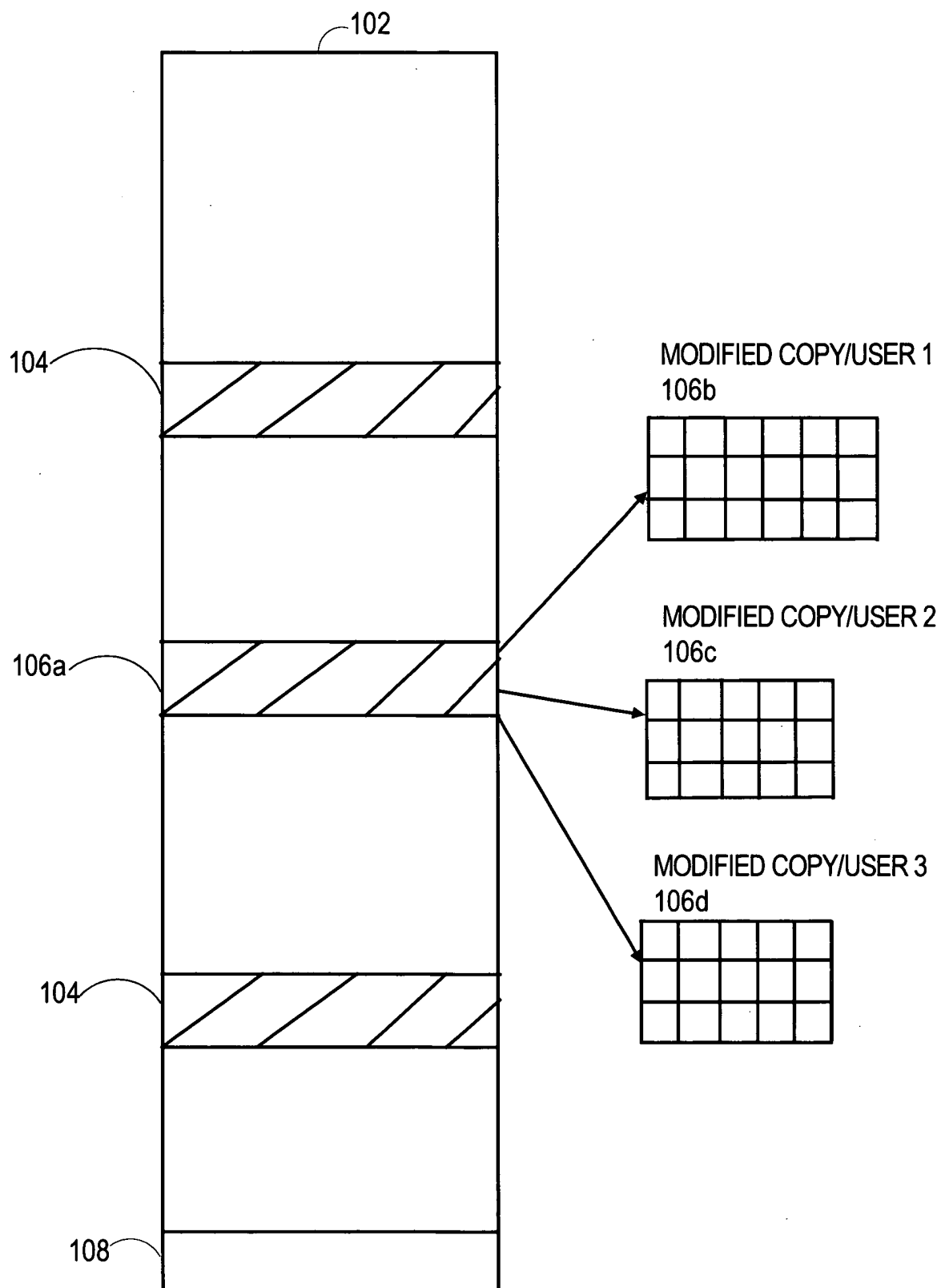


FIG. 1

PRESERVE A MEMORY STATE OF A PRESERVED PORTION OF ORIGINAL SOFTWARE PROGRAM
202

COMPILE & DYNAMICALLY LINK SECONDARY SOFTWARE PROGRAM TO ORIGINAL SOFTWARE PROGRAM
204

EXECUTE THE SECONDARY SOFTWARE PROGRAM BY MAKING A COPY OF THE TARGETED DATA AND MODIFYING THE COPY TO GENERATE A MODIFIED COPY OF THE TARGETED DATA WITHOUT MODIFYING THE DATA IN THE PRESERVED PORTION OF ORIGINAL SOFTWARE PROGRAM
206

DONE

FIG. 2

FIG. 3

